

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (Currently Amended) A computer system, comprising:

an equipped inverter configured to provide driving currents for each installed vendor display type of a plurality of display types;

checking means for identifying vendor display type of an installed display;

and

brightness control means for matching brightness control information corresponding to the vendor display type of the installed display among preset brightness control information for each of the plurality of display types, wherein the brightness control information is used to control the brightness of the installed display according to the driving currents provided by the inverter.

2. (Currently Amended) An apparatus for driving a plurality of displays, comprising:

driving means for providing driving currents to the plurality of display types of the displays, wherein the driving means outputs each of the driving currents corresponding to each display type such that a brightness level of the display types are equally controlled;

checking means for checking inherent control information of at least one of the displays;

output means for confirming a brightness control information corresponding to the inherent control information of a type of the at least one checked display among preset brightness control information for each of the plurality of displays to output information to control brightness of the at least one checked display; and

conversion means for supplying an information to the driving means to drive the at least one display based on the output information of the output means.

3. (Original) The apparatus according to claim 2, further comprising means for identifying power modes used in a system or the at least one checked display and outputting signals corresponding to the identified power modes.

4. (Original) The apparatus according to claim 3, further comprising memory

means for storing the inherent control information of the displays.

5. (Original) The apparatus according to claim 4, further comprising:
input means for varying the brightness of the display; and
input means-control means for outputting a corresponding signal to the
input information of the input means, wherein the output information of the output
means is a voltage signal or a pulse width modulation signal.

6. (Original) The apparatus according to claim 5, wherein the memory means,
the output means and the input means-control means are made in the form of one chip.

7. (Original) The apparatus according to claim 4, wherein the output means is
one of a system BIOS and a microcomputer.

8. (Currently Amended) A method for driving a plurality of displays, the
method comprising:

determining a plurality of different prescribed brightness control
informations by driving the plurality of display types using variable driving currents to

respectively achieve a single set of a plurality of different brightness levels;

confirming inherent control information of a display intended to use;

retrieving the brightness control information corresponding to the
confirmed display among ~~one or more~~ the prescribed brightness control informations;
and

variably controlling the brightness of the corresponding display by using the
retrieved brightness control information.

9. (Currently Amended) The method according to claim 8, wherein the one or
more brightness control information is stored in advance to correspond to the inherent
control information of display types of the displays.

10. (Currently Amended) The method according to claim 9, wherein the one or
more brightness control information is stored to be identified depending on supply
sources of power, and wherein the plurality of different prescribed brightness control
informations are determined using a single inverter type.

11. (Currently Amended) The method according to claim 10, wherein the

output of the brightness control information comprises at least one of voltage signal and PWM (pulse width modulation) signal, wherein the supply sources of power include an adaptor and a battery, wherein the displays are mounted in a portable computer during manufacturing, and wherein the displays are LCDs.

12. (Original) The method according to claim 11, wherein the brightness of the corresponding display is controlled by variably outputting a driving current of the display according to output information of the brightness control information.

13. (Original) The method according to claim 8, wherein the confirming inherent control information comprises when the display is equipped, checking an identification information of the confirmed display and providing the checked identification information to a system BIOS, and wherein the retrieved brightness control information comprises brightness control values depending on kinds of displays (LCDs) stored in a memory at a system BIOS, and wherein the variably controlling comprises generating the retrieved brightness control information using at least one of the identification information and the brightness control values.

14. (Original) The method according to claim 8, wherein the confirming and retrieving comprises:

storing brightness information for a specific display in a memory;
storing in the memory one or more correcting coefficients for respective displays corresponding to the brightness information for the specific display; and
applying the correcting coefficient for the confirmed display using the brightness information to output the brightness control information.

15. (Currently Amended) A method for driving a plurality of displays, the method comprising:

providing an inverter for outputting driving currents to a plurality of displays;

generating brightness control information suitable for one or more display characteristics of each of the plurality of displays used with the inverter;

storing the generated brightness control information correlated with a self-information of a corresponding display;

checking a power source in use to set the generated brightness control information according to the checked power source;

identifying kinds of the displays based on the self-information of at least one display in use;

outputting the brightness control information of the corresponding display based on the self-information about the kinds of the at least one identified display in use and the information about the checked power source to the inverter; and

controlling the brightness of the at least one display in use using the inverter based on the outputted brightness control information, wherein the inverter outputs each of the driving currents corresponding to each kind of display such that a brightness level of the kinds of displays are equally controlled.

16. (Currently Amended) A method for driving a plurality of displays, the method comprising:

interfacing with a display intended to use to confirm an inherent information of the corresponding display;

correcting brightness control information, which is stored in advance for a plurality of vendor display types of the displays using an inverter, based on the confirmed inherent information of the display; and

variably controlling the brightness of the corresponding display using the

inverter based on the corrected brightness control information, wherein the inverter outputs driving currents corresponding to each vendor display type such that brightness levels of the vendor display types are equally controlled.

17. (Currently Amended) The method according to claim 16, wherein the correcting step of the brightness control information is performed at different correcting values according to supply sources of power coupled for use, and wherein the variably controlling step initially controls the brightness of the corresponding display to match a prescribed brightness level of 150 nits.

18. (Currently Amended) A method for driving a plurality of displays, the method comprising:

determining brightness levels of the plurality of displays when respectively provided with a plurality of driving currents as brightness control information for each of the displays;

storing brightness control information for a specific display of the plurality of displays in a memory;

storing in the memory one or more correcting coefficients for respective

displays corresponding to the brightness control information for the specific display;

when a display is equipped, identifying a corresponding display by using inherent information of each display of the plurality of displays, and applying the correcting coefficient for the identified display using the brightness control information to output brightness information; and

controlling brightness of the equipped display by using the brightness information by using driving currents for the specific display and the correcting coefficient for the identified display.

19. (Currently Amended) The method according to claim 18, wherein the specific brightness control information includes brightness information of one or more display types, and wherein the plurality of displays are provided driving currents by a single equipped inverter.

20. (Original) The method of claim 18, wherein the specific brightness control information is for a generalized display type or generic display type, and wherein the displays are LCDs.

21. (Currently Amended) A computer system, comprising:

a display device installed in the computer system;

a controller configured to determine brightness control information corresponding to a display type of the installed display device among preset brightness control information for each of a plurality of installable display types for driving the display device; and

a driving device equipped in the computer system configured to connect with and provide driving currents to each of the plurality of installable display types, wherein the driving device outputs each of the driving currents corresponding to said each of the installable display types such that a brightness level of the installable display types are equally controlled.

22. (Currently Amended) The computer system of claim 21, wherein the display type is manufacturing vendor, and wherein each of the display types are provided a set of different brightness levels for a single set of driving currents.

23. (New) The computer system of claim 21, further comprising a display module configured with the display device and a single inverter, and a main module configured to be rotatably connected to the display module, wherein the installable display types comprise a plurality of various vendor display types.